

# Work Order ID 79138

January-20-12 1:42:09 PM

\*79138\*

Page 1

Item ID: D412-761-043 Accept **\*N9000040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Modified Latch Mechanism, LH  
 Start Date: 20/01/2012 Start Qty: 3.00 **\*3\*** Cust Item ID:  
 Required Date: 03/02/2012 Req'd Qty: 3.00 **\*3\*** Customer:  
 Reference:

Approvals: Process Plan: MLJ Date: 12/01/20 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***  
 Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
DSI9580	A
IIN D412-761	Rev D

100	DOCUMENT CONTROL	0.00							
<b>*100*</b>									
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPP D412-761-043 CHG001								

110	Pick Kit	0.00							
<b>*110*</b>									
Packaging	Memo	0.00							
Packaging									

m/ 12 02 24 (3)  
 J. B. M. L. J. 12-2-24 (3)

12/2/23 3x 150

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 79138****\*79138\***

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Item ID: D412-761-043

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Modified Latch Mechanism, LH

Start Date: 20/01/2012 Start Qty: 3.00

**\*3\***

Cust Item ID:

Required Date: 03/02/2012 Req'd Qty: 3.00

**\*3\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC4- 100% Inspect kits for completeness	0.00							
<b>*120*</b>									
QC	Memo	0.00							
Quality Control									
130		0.00							
<b>*130*</b>	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-761-043								
	Location: _____								
	PPP Rev: <u>A</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

SP 12-02-24.

12/2/24

MF  
12-02-24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 79138

**\*79138\***

Parent Item: D412-761-043

**\*D412-761-043\***

Parent Item Name: Modified Latch Mechanism, LH

Start Date: 20/01/2012

Required Date: 03/02/2012

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:A 09-01-13 rev.C as per dwg DD verified by:EC IPP REV:B  
11.11.29 AS PER DSI9580 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D3589-041		Manufactured	No			110	Each	3.0000	1	3			
<b>*D3589-041*</b>									**				
LATCH ASSEMBLY													

Location Loc Qty Loc Code

ST198A 3

76024 3

D3589-047		Manufactured	No			110	Each	3.0000	1	3			
<b>*D3589-047*</b>									**				
FWD GUIDE													

Location Loc Qty Loc Code

ST055 3

76025 3

D3589-049		Manufactured	No			110	Each	3.0000	1	3			
<b>*D3589-049*</b>									**				
Aft Guide													

Location Loc Qty Loc Code

ST055 3

76026 3

MS16997-24		Purchased	No			110	Each	18.0000	2	6			
<b>*MS16997-24*</b>									**				
SCREW													

Location Loc Qty Loc Code

ST314 18

119811 18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 79138

\*79138\*

Parent Item: D412-761-043

\*D412-761-043\*

Parent Item Name: Modified Latch Mechanism, LH

Start Date: 20/01/2012

Required Date: 03/02/2012

Start Qty: 3.00

Required Qty: 3.00

AN960JD6L

Purchased

No

110

Each

756.0000

1 2 6

\*AN960JD6L \*

Washer

\*\*

54

Location

Loc Qty

Loc Code

ST337A

756

5519

756

Purchased

No

110

Each

124.0000

2 6

MS21042L06

\*MS21042L06\*

Nut

\*\*

12/2/24 54 130

Location

Loc Qty

Loc Code

ST300

124

118354

2

119109

100

119758

22

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Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



## 5.0 PARTS LIST, FULL VERTICAL REFERENCE DOOR MOD

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X					D412-761-041	FULL VERTICAL REFERENCE DOOR KIT, LH
	X	1			D412-761-043	MODIFIED LATCH MECHANISM KIT, LH
1		X			D412-761-045	LARGE BUBBLE WINDOW KIT, LH
1			X		D412-761-047	DOOR MOUNTED INSTRUMENT PANEL KIT, LH
1				X	D412-761-049	ARMREST KIT, LH
	1				D3589-041	LATCH ASSEMBLY
	1				D3589-047	FORWARD GUIDE
	1				D3589-049	AFT GUIDE
	2				MS16997-22	SCREW
	2				AN960JD6L	WASHER
	2				MS21042L06	NUT
		1			D3676-1	LARGE BUBBLE WINDOW
		1			D3678-1	PLACARD
		1			D3678-3	PLACARD
		1			D3700-1	INBOARD WINDOW DOUBLER
		1			D3700-3	OUTBOARD WINDOW DOUBLER
		1			D3701-1	FLOOR DOUBLER
		1			D3702-1	FORWARD DOUBLER
		1			D3703-1	AFT DOUBLER
		1			D3703-3	AFT CORNER DOUBLER
		1			D3703-5	AFT CAP
		1			D3704-1	ESCUTCHEON
		1			D3704-3	ESCUTCHEON
		1			D3708-1	ANGLE
		1			D3708-3	ANGLE
		1			D3709-1	ANGLE
		1			D3709-3	ANGLE
		1			D3802-1-135	SEAL
		1			DT9458	CUTTING TEMPLATE
	26				AN3-7A	BOLT
	52				AN960JD10	WASHER
	26				MS21042L3	NUT
	1				MS24694-C5	SCREW (OR MS24694-S5)
	1				MS24694-C13	SCREW (OR MS24694-S13)
			1		D3705-041	INSTRUMENT PANEL ASSEMBLY
			1		D3705-043	* INSTRUMENT PANEL WELDMENT
			1		D3335-1	* SPRING
			1		D3705-5	* ACCESS PANEL
			1		D3706-5	* PIN
			2		D3707-3	* MOUNTING LUG
			4		AN526C1032R6	* SCREW
			1		AN960JD516	* WASHER
			1		MS171498	* SPRING SLOTTED PIN
			4		MS24693-C272	* SCREW (OR MS24693-S272)

\*DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

(CONTINUED ON PAGE 9)

(CONTINUED FROM PAGE 8)

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
			2		D3707-1	MOUNTING LUG
			1		D3790-1	INDEXING BLOCK
			1		D3867-1	CONNECTOR PLATE
			4		AN3-3A	BOLT
			6		AN526C1032R6	SCREW
			2		AN743-12	BRACKET
			6		AN960JD10L	WASHER
			6		MS21075L3	NUTPLATE (OR MS21073-3)
			4		MS24693-C272	SCREW (OR MS24693-S272)
			1		MS27039-1-17	SCREW
			1		MS27039-1-27	SCREW
			4		MS21042L3	NUT
			2		MS21919WDG8	CLAMP
				1	<b>D3694-041</b>	<b>MOUNTING PLATE ASSEMBLY</b>
				1	D3694-1	* KEYWAY
				1	D3694-3	* PROTECTIVE PLATE
				1	D3694-5	* MOUNTING PLATE
				1	AN526C1032R8	* SCREW
				5	AN960JD10	* WASHER
				4	MS21042L3	* NUT
				2	MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
				1	MS24693-C271	* SCREW (OR MS24693-S271)
				4	MS24693-C273	* SCREW (OR MS24693-S273)
				1	<b>D3695-041</b>	<b>SLIDER ASSEMBLY</b>
				1	D3695-1	* SLIDER
				1	D3695-3	* STOPPER
				1	D3801-1	* HAND RETRACTABLE SPRING PLUNGER
				1	MS21209F6-25	* HELI-COIL, SCREW LOCKING (RED)
				4	MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
				4	MS24693-C276	* SCREW (OR MS24693-S276)
				1	<b>D3780-041</b>	<b>ARMREST ASSEMBLY</b>
				1	D3696-041	* ARM ASSEMBLY
				1	D3696-1	** ARM
				1	D3801-3	** HAND RETRACTABLE SPRING PLUNGER
				1	D3781-041	* LATERAL CUSHION ASSEMBLY
				1	D3781-043	* ARMREST CUSHION ASSEMBLY
				1	D3785-3	* BRACKET
				1	D3977-1	* BOLT
				1	D3978-1	* NUT (CASTELLATED)
				1	D3979-1	* WASHER (SQUARE HOLE)
				2	AN970-6	* WASHER
				1	MS24665-302	* COTTER PIN
				2	MS21042L3	* NUT
				2	MS24693-C272	* SCREW
				2	MS24693-C277	* SCREW
				1	NAS1149D0663J	* WASHER

\* DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

\*\* DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

(CONTINUED ON PAGE 10)

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Revision: **D**

Date: 09.06.18

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-761 REV. D  
INSTRUCTION FOR CONTINUED AIRWORTHINESS ICA-D412-761 REV. 1  
AND INSTALLATION DRAWING D412-761-1 REV. D

REF. TCCA STC:SH09-4  
REF EASA STC: 10028917

**PURPOSE:**

The purpose of this service instruction is to replace the MS16997-22 screw used in the latch assembly with MS16997-24 screw.

**CHANGE:**

5.0 PARTS LIST, FULL VERTICAL REFERENCE DOOR MOD (IIN-D412-761)  
52.10 PARTS LIST (ICA-D412-761)

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X					D412-761-041	FULL VERTICAL REFERENCE DOOR KIT, LH
	X	1			D412-761-043	MODIFIED LATCH MECHANISM KIT, LH
1		X			D412-761-045	LARGE BUBBLE WINDOW KIT, LH
1			X		D412-761-047	DOOR MOUNTED INSTRUMENT PANEL KIT, LH
1				X	D412-761-049	ARMREST KIT, LH

**IS:**

	2				MS16997-24	SCREW
--	---	--	--	--	------------	-------

**WAS:**

	2				MS16997-22	SCREW
--	---	--	--	--	------------	-------

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 11.10.25  
CERT. NO.: SH09-4  
ISSUE NO.: 2

A	NEW ISSUE	XDF	11.10.25
REV.	DESCRIPTION	BY	DATE
DESIGN	XDF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	XDF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9580	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.		SCREW REPLACEMENT	NTS
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